Wherefor, what is claimed is:

- 1. A polishing article for use in a chemical mechanical polishing system, said polishing article comprising:
- a polishing pad having a polishing surface and a bottom surface; and
 a window from said polishing surface to said bottom surface, said window including a
 solid light transmissive element abutting and secured to the polishing pad, the solid light
 transmissive element being more transmissive to light than the polishing surface.
- 2. The polishing pad of claim 1, wherein a top surface of said light transmissive element is flush with the polishing surface.
- 3. The polishing article of claim 1, wherein side surfaces of said light transmissive element abut side surfaces of said polishing pad.
- 4. The polishing article of claim 1, wherein said light transmissive element is integrally molded into the polishing pad.
- 5. The polishing article of claim 1, wherein said polishing pad includes a covering layer having the polishing surface and a backing layer.
 - 6. The polishing article of claim 5, wherein said light transmissive element is positioned in said covering layer.
 - 7. The polishing article of claim 6, wherein a bottom surface of said light transmissive element is flush with a bottom surface of said covering layer.
 - 8. The polishing article of claim 6, wherein a top surface of said light transmissive element is flush with the polishing surface.

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- 9. The polishing article of claim 6, wherein said light transmissive element and said covering layer have the same thickness.
- 10. The polishing article of claim 6, wherein said light transmissive element is made of a polymer material.

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- 11. The polishing article of claim 6, wherein said backing layer is removed in an area overlaid by said light transmissive element.
- 10 12. The polishing article of claim 1, wherein said light transmissive element is made of a polymer material.
 - 13. A polishing article for use in a chemical mechanical polishing system, said polishing article comprising:

a polishing pad having a polishing surface and a bottom surface; and

a window from said polishing surface to said bottom surface, the window including a solid light transmissive element integrally molded to the polishing pad, the light transmissive element being more transmissive to light than the polishing surface.

- 14. The polishing article of claim 13, wherein said polishing pad and said light transmissive element include polyurethane.
- 15. The polishing article of claim 13, wherein a top surface of said light transmissive element is flush with the polishing surface.
- 16. The polishing article of claim 13, wherein side surfaces of said light transmissive element abut side surfaces of said polishing pad.
- The polishing article of claim 13, wherein said polishing pad includes a covering layer having the polishing surface and a backing layer.

- 18. The polishing article of claim 17, wherein said light transmissive element is positioned in said covering layer.
- 19. The polishing article of claim 18, wherein said light transmissive element and
 5 said covering layer have the same thickness.
 - 20. The polishing article of claim 19, wherein said backing layer is removed in an area overlaid by said light transmissive element.
- 10 21. A polishing article for use in a chemical mechanical polishing system, said polishing article comprising:

a light transmissive first layer spanning the polishing article; and a second layer that is less transmissive to light than the first layer, the second layer having an aperture threrethrough.

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- 22. The polishing article of claim 21, wherein the first layer includes a polishing surface.
- 23. The polishing article of claim 22, wherein the second layer is a backing layer adjacent the first layer.
 - 24. The polishing article of claim 21, wherein said first layer includes polyurethane.
- 25. The polishing article of claim 21, wherein said second layer includes polyurethane.
 - 26. The polishing article of claim 21, wherein the aperture comprises a hole through the second layer.

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